

Appln No. 10/574,312
Amdt date November 30, 2009
Reply to Office action of September 2, 2009

REMARKS/ARGUMENTS

Claims 1-10 are currently pending. Claims 1-10 are amended and claims 11-13 are cancelled.

Claims 1, 2, 5, 8, 9, 11, and 12 are rejected under 35 U.S.C. 103(a) as being obvious over Yamauchi et al. (EP 1103973 A2) in view of Kashiwazaki et al. (U.S. 5,157,614). Claims 3, 4, 6, and 10 are rejected under 35 U.S.C. 103(a) as being unpatentable over Yamauchi in view of Kashiwazaki and further in view of Okuyama et al. (U.S. 6,687,072). Claim 7 is rejected under 35 U.S.C. 103(a) as being unpatentable over Yamauchi in view of Kashiwazaki and further view of Jacobs et al. (U.S. 6,618,788). Claim 13 is rejected under 35 U.S.C. 103(a) as being unpatentable over Yamauchi in view of Kashiwazaki and in further view of Kansal et al. (U.S. 5,657,055). Applicant submits that all of the claims currently pending in this application are patentably distinguishable over the cited references for the following reasons, and reconsideration and allowance of this application are respectfully requested.

Amended independent claim 1 includes, among other limitations, "wherein when the first command to access the HDD from the navigation system and the second command sent from the second system are issued substantially concurrently, the control unit is further configured to arbitrate the first and second commands through time sharing by reading data in response to the second command sent from the navigation system, during decompression of compressed data by the decompression unit." That is, when the decompressor unit is handling the decompression, the control unit allows the navigation system to read the data from the HDD. (See for example, paragraphs [0059] to [0061] of the published application.). None of the cited references, alone or in combination, teach or suggest the above limitation.

There is no teaching or suggestion in Yamauchi for writing/reading data in or from the HDD in response to a first command sent from the navigation system. More importantly, there is no teaching or suggestion in Yamauchi for the control unit "configured to arbitrate the first and second commands through time sharing by reading data in response to the second command sent

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from the navigation system, during decompression of compressed data by the decompression unit."

Kashiwazaki does not cure the above deficiencies of Yamauchi. The cited description in Kashiwazaki simply teaches that "when certain map data become necessary during reproduction of a music-containing storage medium, [the apparatus] replaces the current music storage medium with an appropriate map storage medium as soon as the next music interval is reached, and retrieves therefore the required map data." (Col. 2, lines 35-40, emphasis added.). Kashiwazaki further teaches a "CD driver 10 [having] a changer which accommodates a plurality of disks and which selects one of these disks and sets it in a reproducing position inside. The CD driver 10 is capable of reproducing not only map-containing ROM disks but also conventional music-containing disks. . . . In response to a disk changing command either internally issued in the CD driver 10 or supplied by the system controller 5, this disk player replaces the current disk to be played with the disk corresponding to the disk identification information retrieved from the command." (Col. 3, lines 28-40, underlining added.). That is, the apparatus of Kashiwazaki simply replaces the current music disk with an appropriate map disk, which is different from the current music disk, when certain map data become necessary. This disclosure, alone or in combination with Yamauchi's disclosure, does not teach or suggest "arbitrating the first and second commands through time sharing by reading data in response to the second command sent from the navigation system, during decompression of compressed data by the decompression unit."

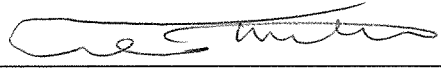
As a result, amended claim 1 is not obvious in view of Yamauchi and Kashiwazaki combination and therefore is patentable over the cited references.

Dependent claims 2-10 are dependent from allowable independent claim 1 and therefore include all the limitations of the allowable claim 1 and additional limitations therein. Accordingly, claims 2-10 are also allowable over the cited references, as being dependent from the allowable independent claim 1 and for the additional limitations they include therein.

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In view of the foregoing amendments and remarks, it is respectfully submitted that this application is now in condition for allowance, and accordingly, reconsideration and allowance are respectfully requested.

Respectfully submitted,
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